

## CONTREX STOCK Fenner Rotary Knife/Drum Control

The M-Rotary controller is a configurable, microprocessor-based digital controller. The M-Rotary provides control in continuous rotary, cut-to-length or impression print applications. In a lead-follower process, the M-Rotary controls the follower device. It controls the rotary die or web speed in either sync or non-sync mode. Typical installations include web process cutting, perforating, sealing and sheeting of materials.



- **Isolated Analog Interface to any AC or DC Drive.**
- **Pre-Programmed.. no code to write.**
- **Operator Interface for Setup & Monitoring.**
- **Full Registration & Synchronization.**
- **Electronic Cam (Match Speed at Impact).**

The M-Rotary control is housed in a ½ DIN vertical instrument enclosure with embedded operator interface. The integrated display and keypad panel gains access to numerous control and monitor parameters. Individual application requirements are met by simply accessing the relevant code parameter and then entering the appropriate numerical value. Because the M-Rotary control is pre-programmed, applications can be commissioned in a matter of minutes once the control has been installed. A full compliment of monitor parameters are available to verify operation and assist with diagnostics.

The M-Rotary control has a serial port for RS422/485 communication. ContrexHost software, when loaded on a Windows® PC or laptop, allows you to initiate commands, change parameters, load/save setup values, and monitor more than 50 values on one or up to 32 channels of M-Series controllers.

### ***Features:***

*Synchronized profiling feature functions as an electric cam to match lead speed at contact.*

*Trend feature adjusts for variable print lengths to compensate for correct synchronization.*

*Eight follower setpoints, high sync rate and control bandwidth, lead and follower sync divide, and closed-loop speed/position regulation.*

*Reads quadrature encoders to monitor line speed and direction.*

### **Approvals**

- **UL Listed**
- **cUL Listed**